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| INFORMATION DISCLOSURE<br>STATEMENT BY APPLICANT |  | Application No.      | 10/568,227        |
| (Multiple sheets used when necessary)            |  | Filing Date          | May 17, 2006      |
| SHEET 1 OF 1                                     |  | First Named Inventor | Vivian Alberts    |
|  |  | Art Unit             | 2895              |
|  |  | Examiner             | Singal, Ankush K. |
|  |  | Attorney Docket No.  | DMKISCH.002APC    |

| U.S. PATENT DOCUMENTS |          |   |                                |                               |  |
|-----------------------|----------|---|--------------------------------|-------------------------------|--|
| Examiner Initials     | Cite No. | Document Number<br>Number - Kind Code (if known)<br>Example: 1,234,567 B1 | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant | Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear |
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| FOREIGN PATENT DOCUMENTS |          |  |                                |                               |  |
|--------------------------|----------|--|--------------------------------|-------------------------------|--|
| Examiner Initials        | Cite No. | Foreign Patent Document<br>Country Code-Number-Kind Code<br>Example: JP 1234567 A1 | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant | Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear |
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| NON PATENT LITERATURE DOCUMENTS |  |   |  |  |  |
|---------------------------------|--|---|--|--|--|
| Examiner Initials               | Cite No.   | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. |  |  |  |
| 1                               | V. Alberts, J. H. Schön, and E. Bucher, <i>Journal of Appl. Phys.</i> , 84(12), 1998, 6881-6885, "Improved material properties of polycrystalline CuInSe <sub>2</sub> prepared by rapid thermal treatment of metallic allows in H <sub>2</sub> Se/Ar."                                       |   |  |  |  |
| 2                               | J. Palm, V. Probst, W. Stetter et al., <i>Thin Solid Films</i> , 451-452 (2004) 544-551, "CISSSe thin film PV modules: from fundamental investigations to advanced performance and stability."   |   |  |  |  |
| 3                               | M. Marudachalam, H. Hichri, R. Klenk, R.W. Birkmire, W.N. Schefman and J. M. Schultz, <i>Appl. Phys. Lett.</i> 67(26), 1995, 3978, "Preparation of homogeneous Cu(InGa)Se <sub>2</sub> films by selenization of metal precursors in H <sub>2</sub> Se atmosphere."                           |   |  |  |  |
| 4                               | K. Kushiya, M. Tachiyuki, T. Kase, I. Sugiyama, Y. Nagoya, D. Okumura, M. Satoh, O. Yamase and H. Takeshita <i>Sol. Energy Mater. Sol. Cells</i> 49, 1997, 277, "Fabrication of graded band-gap Cu(InGa)Se <sub>2</sub> thin-film mini-modules with a Zn(O,S,OH) <sub>x</sub> buffer layer." |   |  |  |  |
| 5                               | I. M. Kötsczau, H. Kerber, H. Wiesner, G. Hanna and H. W. Schock, Proceedings of the 16 <sup>th</sup> European Photovoltaic Solar Energy Conference, 1-5 May 2000, Glasgow, UK, pp. 724-727, "Band Gap Grading in Cu(In,Ga)(S,Se) <sub>2</sub> - based solar cells."                         |   |  |  |  |
| 6                               | R. Gay, M. Dietrich, C. Fredric, C. Jensen, K. Knappm, D. Tarrant and D. Willett, "Efficiency and process improvements in CuInSe <sub>2</sub> -based modules" Proceedings of the international conference on E. C. Photovoltaic Solar Energy, Vol. 12 (1), 1994, 935-938.                    |   |  |  |  |
| 7                               | T. Nakada, H. Ohbo, T. Watanabe, H. Nakazawa, M. Matsui and A. Kunioka, <i>Solar Energy Materials and Solar Cells</i> 49, 1997, 285, "Improved Cu(In,Ga)(S,Se) <sub>2</sub> thin film solar cells by solar sulfurization."   |   |  |  |  |
| 8                               | A. Gupta and S. Isomura, <i>Sol. Energy Mater. Sol. Cells</i> 53, 1998, 385, "Precursor modification for preparation of CIS films by selenization technique."  |   |  |  |  |

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| Examiner Signature  | /Matthew Reames/ | Date Considered | 04/09/2009 |
| *Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |                  |                 |            |

T<sup>1</sup> - Place a checkmark in the serial with each citation that is considered relevant to the application.

ALL DIFFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /M.R./